

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

NMOCD Rec'd: 9/21/2020

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

AS-DRILLED PLAT

¹ API Number 30-015-45621	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 325596	⁵ Property Name POKER LAKE UNIT 20 BD	⁶ Well Number 122H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC	⁹ Elevation 3,158'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	20	25 S	30 E		330	SOUTH	540	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	25 S	30 E		192	SOUTH	981	WEST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.
NOTE: AS-DRILLED BOTTOM HOLE PLOTTED FROM DATA FURNISHED BY XTO ENERGY

¹⁶ GEODETTIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 403,645.7 X= 631,125.3 LAT.= 32.109030°N LONG.= 103.909841°W K.O.P. NAD 27 NME Y= 403,615.8 X= 631,167.6 LAT.= 32.108948°N LONG.= 103.909705°W FIRST TAKE POINT NAD 27 NME Y= 402,995.8 X= 631,570.1 LAT.= 32.107239°N LONG.= 103.908413°W CORNER COORDINATES TABLE NAD 27 NME A - Y= 403,309.4 N, X= 630,586.8 E B - Y= 403,325.1 N, X= 631,923.1 E C - Y= 400,654.5 N, X= 630,604.6 E D - Y= 400,669.1 N, X= 631,940.0 E E - Y= 397,997.0 N, X= 630,622.4 E F - Y= 398,011.2 N, X= 631,958.0 E G - Y= 395,341.8 N, X= 630,625.3 E H - Y= 395,354.2 N, X= 631,958.0 E I - Y= 392,687.0 N, X= 630,628.7 E J - Y= 392,697.7 N, X= 631,958.4 E CORNER COORDINATES TABLE NAD 83 NME A - Y= 403,367.5 N, X= 671,771.7 E B - Y= 403,383.2 N, X= 673,108.1 E C - Y= 400,712.5 N, X= 671,789.6 E D - Y= 400,727.1 N, X= 673,125.0 E E - Y= 398,055.0 N, X= 671,807.5 E F - Y= 398,069.2 N, X= 673,143.1 E G - Y= 395,399.7 N, X= 671,810.5 E H - Y= 395,412.1 N, X= 673,143.2 E I - Y= 392,744.9 N, X= 671,814.0 E J - Y= 392,755.6 N, X= 673,143.7 E LAST TAKE POINT NAD 27 NME Y= 393,030.6 X= 631,609.2 LAT.= 32.079844°N LONG.= 103.908413°W BOTTOM HOLE LOCATION NAD 27 NME Y= 392,886.8 X= 631,609.8 LAT.= 32.079586°N LONG.= 103.908413°W GEODETTIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 403,703.8 X= 672,310.2 LAT.= 32.109155°N LONG.= 103.910324°W K.O.P. NAD 83 NME Y= 403,673.9 X= 672,352.5 LAT.= 32.109072°N LONG.= 103.910188°W FIRST TAKE POINT NAD 83 NME Y= 403,053.9 X= 672,755.1 LAT.= 32.107363°N LONG.= 103.908896°W		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Cheryl Rowell</i> 9/21/20 Signature Date Cheryl Rowell Printed Name cheryl_rowell@xtoenergy.com E-mail Address ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 6-22-2020 Date of Survey Signature and Seal of Professional Surveyor: <i>Mark Dillon Harp</i> MARK DILLON HARP 23786 Certificate Number RR 2017071045
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Intent ☐ As Drilled ☒

API # 30-015-45621								
Operator Name: XTO PERMIAN OPERATING, LLC			Property Name: POKER LAKE UNIT 20 BD			Well Number 122H		

Kick Off Point (KOP)

UL M	Section 20	Township 25S	Range 30E	Lot	Feet 300	From N/S S	Feet 582	From E/W W	County EDDY
Latitude 32.109072					Longitude 103.910188				NAD 83

First Take Point (FTP)

UL D	Section 29	Township 25S	Range 30E	Lot	Feet 325	From N/S N	Feet 981	From E/W W	County EDDY
Latitude 32.107363					Longitude 103.908896				NAD 83

Last Take Point (LTP)

UL M	Section 32	Township 25S	Range 30E	Lot	Feet 336	From N/S S	Feet 981	From E/W W	County EDDY
Latitude 32.079969					Longitude 103.908895				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☒

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-015-45492								
Operator Name: XTO PERMIAN OPERATING, LLC			Property Name: POKER LAKE UNIT 20 BD			Well Number 701H		

KZ 06/29/2018



I Joseph Proske, certify that I am employed by Scout Downhole Inc. (SDI). That I did on the day(s) of 08/15/19 thru 08/16/19 conduct or supervise the taking of a MWD Survey from a depth of 787' to a depth of 3479'; that the data is true, correct, complete and within the limitations of the tool as set forth by Scout Downhole Inc. (SDI).; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO ENERGY LLC. for the PLU 20 Brushy Draw 122H API No. 30-015-45621 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Scout Downhole Inc. (SDI).

Joseph Proske

Joseph
Proske

Digitally signed by: Joseph
Proske
DN: CN = Joseph Proske
email =
jproske@scoutdrilltech.
com C = US O = Scout
Downhole OU = SDI
Date: 2020.05.13 07:09:05
-05'00'

1125 Beach Airport Rd, Conroe, Texas
77301
PH 936-756-3255 FAX 936-756-3229

XTO Energy

Eddy County, NM

PLU 20 Brushy Draw

PLU 20 Brushy Draw 122H 4/5

Wellbore #1

Survey: Scout MWD

Survey Report - Geographic

14 May, 2020

Survey Report - Geographic

Company:	XTO Energy	Local Co-ordinate Reference:	Well PLU 20 Brushy Draw 122H 4/5
Project:	Eddy County, NM	TVD Reference:	GL 3158' + 31' KB @ 3189.00usft (Nabors F34)
Site:	PLU 20 Brushy Draw	MD Reference:	GL 3158' + 31' KB @ 3189.00usft (Nabors F34)
Well:	PLU 20 Brushy Draw 122H 4/5	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.1 Single User Db

Project	Eddy County, NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	PLU 20 Brushy Draw		
Site Position:		Northing:	403,644.60 usft
From:	Map	Easting:	631,035.20 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 6' 32.501 N
		Longitude:	103° 54' 36.475 W
		Grid Convergence:	0.22 °

Well	PLU 20 Brushy Draw 122H 4/5		
Well Position	+N/-S	0.00 usft	Northing: 403,645.69 usft
	+E/-W	0.00 usft	Easting: 631,125.30 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 6' 32.509 N
		Longitude:	103° 54' 35.428 W
		Ground Level:	3,158.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	4/29/2019	6.80	59.75	47,837.00000000

Design	Surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	179.79	

Survey Program	Date	5/14/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
90.00	687.00	Surface Surveys (Wellbore #1)	MWD	MWD - Standard	
787.00	3,560.00	Scout MWD (Wellbore #1)	A008Mb_MWD+IFR1+MS OWSG MWD + IFR1 + Multi-Station Correction		

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
687.00	2.00	100.00	686.90	4.32	5.11	403,650.01	631,130.41	32° 6' 32.551 N	103° 54' 35.368 W	
787.00	2.07	86.25	786.84	4.13	8.63	403,649.83	631,133.93	32° 6' 32.549 N	103° 54' 35.327 W	
881.00	1.41	80.98	880.79	4.43	11.46	403,650.12	631,136.77	32° 6' 32.552 N	103° 54' 35.294 W	
975.00	0.97	67.18	974.77	4.92	13.34	403,650.61	631,138.64	32° 6' 32.557 N	103° 54' 35.272 W	
1,069.00	0.97	73.24	1,068.76	5.45	14.83	403,651.15	631,140.14	32° 6' 32.562 N	103° 54' 35.255 W	
1,164.00	1.01	72.36	1,163.74	5.94	16.40	403,651.63	631,141.71	32° 6' 32.567 N	103° 54' 35.237 W	
1,259.00	1.10	68.76	1,258.73	6.52	18.05	403,652.22	631,143.35	32° 6' 32.572 N	103° 54' 35.218 W	
1,353.00	1.19	70.43	1,352.71	7.18	19.81	403,652.87	631,145.11	32° 6' 32.579 N	103° 54' 35.197 W	
1,449.00	0.53	47.84	1,448.70	7.81	21.08	403,653.50	631,146.38	32° 6' 32.585 N	103° 54' 35.182 W	
1,543.00	0.53	300.44	1,542.70	8.32	21.03	403,654.01	631,146.33	32° 6' 32.590 N	103° 54' 35.183 W	
1,638.00	0.57	281.81	1,637.69	8.64	20.18	403,654.33	631,145.49	32° 6' 32.593 N	103° 54' 35.193 W	

Survey Report - Geographic

Company:	XTO Energy	Local Co-ordinate Reference:	Well PLU 20 Brushy Draw 122H 4/5
Project:	Eddy County, NM	TVD Reference:	GL 3158' + 31' KB @ 3189.00usft (Nabors F34)
Site:	PLU 20 Brushy Draw	MD Reference:	GL 3158' + 31' KB @ 3189.00usft (Nabors F34)
Well:	PLU 20 Brushy Draw 122H 4/5	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,732.00	0.48	278.82	1,731.69	8.80	19.34	403,654.49	631,144.64	32° 6' 32.595 N	103° 54' 35.203 W
1,826.00	0.75	268.71	1,825.68	8.84	18.33	403,654.54	631,143.64	32° 6' 32.595 N	103° 54' 35.214 W
1,921.00	0.79	274.51	1,920.67	8.88	17.06	403,654.57	631,142.36	32° 6' 32.596 N	103° 54' 35.229 W
2,015.00	0.88	278.38	2,014.66	9.04	15.70	403,654.73	631,141.00	32° 6' 32.597 N	103° 54' 35.245 W
2,109.00	1.05	271.35	2,108.65	9.16	14.12	403,654.85	631,139.43	32° 6' 32.599 N	103° 54' 35.263 W
2,203.00	1.32	270.29	2,202.63	9.19	12.18	403,654.88	631,137.48	32° 6' 32.599 N	103° 54' 35.286 W
2,298.00	1.45	264.84	2,297.60	9.09	9.89	403,654.78	631,135.19	32° 6' 32.598 N	103° 54' 35.312 W
2,392.00	1.45	266.78	2,391.57	8.91	7.52	403,654.60	631,132.82	32° 6' 32.596 N	103° 54' 35.340 W
2,486.00	1.67	270.91	2,485.54	8.87	4.96	403,654.56	631,130.26	32° 6' 32.596 N	103° 54' 35.370 W
2,580.00	1.54	254.82	2,579.50	8.56	2.37	403,654.25	631,127.68	32° 6' 32.593 N	103° 54' 35.400 W
2,674.00	1.32	232.06	2,673.47	7.56	0.30	403,653.25	631,125.60	32° 6' 32.583 N	103° 54' 35.424 W
2,768.00	1.45	239.97	2,767.45	6.30	-1.59	403,651.99	631,123.72	32° 6' 32.571 N	103° 54' 35.446 W
2,861.00	0.97	229.42	2,860.42	5.20	-3.20	403,650.89	631,122.10	32° 6' 32.560 N	103° 54' 35.465 W
2,956.00	0.62	181.96	2,955.42	4.16	-3.83	403,649.85	631,121.47	32° 6' 32.550 N	103° 54' 35.472 W
3,050.00	0.88	166.32	3,049.41	2.95	-3.68	403,648.65	631,121.63	32° 6' 32.538 N	103° 54' 35.470 W
3,144.00	0.97	165.44	3,143.40	1.48	-3.31	403,647.17	631,122.00	32° 6' 32.523 N	103° 54' 35.466 W
3,238.00	1.41	157.88	3,237.38	-0.36	-2.67	403,645.33	631,122.63	32° 6' 32.505 N	103° 54' 35.459 W
3,333.00	1.93	155.42	3,332.33	-2.90	-1.57	403,642.79	631,123.74	32° 6' 32.480 N	103° 54' 35.446 W
3,427.00	2.33	152.17	3,426.27	-6.03	-0.01	403,639.67	631,125.29	32° 6' 32.449 N	103° 54' 35.428 W
3,479.00	2.42	151.38	3,478.22	-7.92	1.00	403,637.77	631,126.31	32° 6' 32.430 N	103° 54' 35.416 W
Last Scout MWD Survey @ 3479.00' MD									
3,560.00	2.42	151.38	3,559.15	-10.93	2.64	403,634.76	631,127.95	32° 6' 32.400 N	103° 54' 35.398 W
Projection to the Bit @ 3560.00' MD - PLU 20 Brushy Draw 122H LTP - PLU 20 Brushy Draw 122H BHL - PLU 20 Brushy									

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
3,479.00	3,478.22	-7.92	1.00	Last Scout MWD Survey @ 3479.00' MD
3,560.00	3,559.15	-10.93	2.64	Projection to the Bit @ 3560.00' MD

Checked By: _____	Approved By: _____	Date: _____
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· Directional Drilling · Horizontal Drilling · MWD/LWD · Mud Motors

Survey Certification

January 21, 2020

State of New Mexico
County of Eddy

I, Allison Reinert, certify that; I am employed by Aim Directional Services, LLC; that I did on the day(s) of September 14, 2019 through October 10, 2019 conduct or supervise the taking of a directional MWD survey from a depth of 3611 feet to a depth of 21616 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Aim Directional Services, LLC; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO Energy Inc. for Poker Lake Unit 20BD #122H API No. 30-015-45621 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Aim Directional Services, LLC.

Survey Instrument Type
Surcon MSA Corrected

Allison Reinert

Digitally signed by Allison Reinert
DN: cn=Allison Reinert, o=Aim Directional
Services, ou=VP Engineering,
email=allison.reinert@aimdir.com, c=US
Date: 2020.01.21 12:09:45 -06'00'

Allison Reinert
VP Engineering
Aim Directional Services, LLC

Subscribed and Sworn to before me this 21 day of January (month) 2020

My Commission Expires: 05/27/2022

Kristina K. Gonzales
Notary Public



Nueces, TX
County, State



Survey Report

Company:	XTO Energy Inc.	Local Co-ordinate Reference:	Well PLU 20BD #122H
Project:	Eddy Co., NM (NAD 27 NME)	TVD Reference:	Well @ 3189.00usft (Nabors F34)
Site:	Poker Lake Unit 20BD #122H	MD Reference:	Well @ 3189.00usft (Nabors F34)
Well:	PLU 20BD #122H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDMRESTORED

Project	Eddy Co., NM (NAD 27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Poker Lake Unit 20BD #122H		
Site Position:		Northing:	403,645.70 usft
From:	Map	Easting:	631,125.30 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 6' 32.509 N
		Longitude:	103° 54' 35.428 W
		Grid Convergence:	0.23 °

Well	PLU 20BD #122H		
Well Position	+N/-S	0.00 usft	Northing: 403,645.70 usft
	+E/-W	0.00 usft	Easting: 631,125.30 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 6' 32.509 N
		Longitude:	103° 54' 35.428 W
		Ground Level:	3,158.00 usft

Wellbore	Drilling		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	9/12/2019	6.75
			Dip Angle (°) 59.73
			Field Strength (nT) 47,805.48032121

Design	Surveys		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°) 179.79

Survey Program	Date	10/10/2019		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
90.00	687.00	Sfc Svys (Drilling)	MWD+HRGM	OWSG MWD + HRGM
787.00	3,479.00	Scout Svys (Drilling)	MWD+HRGM	OWSG MWD + HRGM
3,611.00	21,616.00	Aim MWD Svys (Drilling)	MWD+HRGM	OWSG MWD + HRGM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,479.00	2.42	151.38	3,478.23	-7.99	1.59	7.99	0.000	0.000	0.000
Tie on Scout									
3,611.00	2.37	159.02	3,610.12	-12.98	3.90	13.00	0.245	-0.038	5.788
First Aim Svy									
3,705.00	2.99	141.97	3,704.02	-16.73	6.11	16.75	1.067	0.660	-18.138
3,800.00	3.52	119.38	3,798.87	-20.11	10.18	20.15	1.449	0.558	-23.779
3,894.00	3.87	109.19	3,892.67	-22.57	15.69	22.63	0.790	0.372	-10.840
3,989.00	3.74	105.85	3,987.46	-24.47	21.69	24.55	0.270	-0.137	-3.516



Survey Report

Company:	XTO Energy Inc.	Local Co-ordinate Reference:	Well PLU 20BD #122H
Project:	Eddy Co., NM (NAD 27 NME)	TVD Reference:	Well @ 3189.00usft (Nabors F34)
Site:	Poker Lake Unit 20BD #122H	MD Reference:	Well @ 3189.00usft (Nabors F34)
Well:	PLU 20BD #122H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDMRESTORED

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,084.00	3.78	108.40	4,082.26	-26.30	27.65	26.40	0.181	0.042	2.684
4,178.00	3.74	111.56	4,176.06	-28.41	33.44	28.53	0.224	-0.043	3.362
4,272.00	3.34	111.30	4,269.88	-30.53	38.84	30.67	0.426	-0.426	-0.277
4,365.00	2.11	123.78	4,362.77	-32.46	42.79	32.62	1.461	-1.323	13.419
4,459.00	0.92	155.68	4,456.74	-34.11	44.54	34.28	1.505	-1.266	33.936
4,553.00	0.31	211.93	4,550.73	-35.02	44.71	35.18	0.841	-0.649	59.840
4,648.00	0.44	254.21	4,645.73	-35.34	44.23	35.50	0.312	0.137	44.505
4,743.00	0.40	252.01	4,740.73	-35.54	43.56	35.70	0.045	-0.042	-2.316
4,838.00	0.22	11.80	4,835.73	-35.46	43.28	35.62	0.573	-0.189	126.094
4,932.00	0.26	22.26	4,929.73	-35.09	43.40	35.25	0.063	0.043	11.128
5,026.00	0.26	4.95	5,023.73	-34.68	43.50	34.84	0.083	0.000	-18.415
5,120.00	0.40	344.65	5,117.72	-34.15	43.43	34.31	0.192	0.149	-21.596
5,214.00	0.48	315.73	5,211.72	-33.55	43.07	33.71	0.248	0.085	-30.766
5,309.00	0.35	313.36	5,306.72	-33.07	42.58	33.22	0.138	-0.137	-2.495
5,403.00	0.26	323.38	5,400.72	-32.70	42.24	32.85	0.111	-0.096	10.660
5,498.00	0.18	325.22	5,495.72	-32.40	42.03	32.56	0.085	-0.084	1.937
5,593.00	0.18	319.68	5,590.72	-32.17	41.85	32.32	0.018	0.000	-5.832
5,687.00	0.18	309.84	5,684.72	-31.96	41.64	32.11	0.033	0.000	-10.468
5,782.00	0.26	291.56	5,779.72	-31.78	41.32	31.93	0.111	0.084	-19.242
5,876.00	0.18	283.39	5,873.72	-31.67	40.98	31.82	0.091	-0.085	-8.691
5,970.00	0.31	235.13	5,967.71	-31.78	40.63	31.93	0.248	0.138	-51.340
6,065.00	0.31	238.65	6,062.71	-32.06	40.20	32.21	0.020	0.000	3.705
6,159.00	0.44	238.65	6,156.71	-32.38	39.67	32.53	0.138	0.138	0.000
6,254.00	0.62	241.81	6,251.71	-32.82	38.91	32.96	0.192	0.189	3.326
6,349.00	0.57	245.24	6,346.70	-33.26	38.03	33.40	0.065	-0.053	3.611
6,443.00	0.62	255.88	6,440.70	-33.58	37.11	33.71	0.129	0.053	11.319
6,538.00	0.18	212.37	6,535.69	-33.83	36.53	33.96	0.531	-0.463	-45.800
6,632.00	0.26	189.08	6,629.69	-34.16	36.42	34.30	0.126	0.085	-24.777
6,726.00	0.35	195.06	6,723.69	-34.65	36.31	34.78	0.101	0.096	6.362
6,820.00	0.57	52.67	6,817.69	-34.64	36.61	34.78	0.930	0.234	-151.478
6,915.00	0.70	58.03	6,912.69	-34.05	37.48	34.19	0.150	0.137	5.642
7,011.00	0.57	51.62	7,008.68	-33.44	38.35	33.58	0.154	-0.135	-6.677
7,106.00	0.53	70.25	7,103.67	-33.00	39.13	33.15	0.192	-0.042	19.610
7,201.00	0.53	68.41	7,198.67	-32.69	39.95	32.84	0.018	0.000	-1.937
7,295.00	0.53	89.59	7,292.67	-32.53	40.79	32.68	0.207	0.000	22.532
7,389.00	0.48	45.99	7,386.66	-32.25	41.51	32.40	0.402	-0.053	-46.383
7,483.00	0.31	331.29	7,480.66	-31.76	41.67	31.91	0.530	-0.181	-79.468
7,578.00	0.84	297.36	7,575.66	-31.21	40.93	31.36	0.640	0.558	-35.716
7,673.00	0.97	290.07	7,670.65	-30.61	39.56	30.76	0.183	0.137	-7.674
7,768.00	1.19	274.42	7,765.63	-30.26	37.82	30.40	0.385	0.232	-16.474
7,863.00	0.62	252.01	7,860.62	-30.34	36.34	30.48	0.695	-0.600	-23.589
7,958.00	0.44	134.94	7,955.61	-30.76	36.11	30.89	0.957	-0.189	-123.231
8,052.00	0.70	152.96	8,049.61	-31.53	36.63	31.66	0.333	0.277	19.170
8,146.00	0.62	184.60	8,143.60	-32.55	36.85	32.68	0.391	-0.085	33.660



Survey Report

Company:	XTO Energy Inc.	Local Co-ordinate Reference:	Well PLU 20BD #122H
Project:	Eddy Co., NM (NAD 27 NME)	TVD Reference:	Well @ 3189.00usft (Nabors F34)
Site:	Poker Lake Unit 20BD #122H	MD Reference:	Well @ 3189.00usft (Nabors F34)
Well:	PLU 20BD #122H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDMRESTORED

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,240.00	0.35	220.81	8,237.60	-33.27	36.62	33.40	0.421	-0.287	38.521
8,334.00	0.84	319.24	8,331.60	-32.97	35.98	33.10	1.017	0.521	104.713
8,429.00	0.92	333.31	8,426.59	-31.76	35.19	31.89	0.242	0.084	14.810
8,523.00	0.92	301.58	8,520.57	-30.69	34.21	30.81	0.535	0.000	-33.755
8,618.00	0.62	312.39	8,615.57	-29.94	33.18	30.06	0.350	-0.316	11.379
8,713.00	0.53	278.90	8,710.56	-29.53	32.36	29.65	0.360	-0.095	-35.253
8,809.00	0.40	0.03	8,806.56	-29.12	31.92	29.24	0.638	-0.135	84.510
8,904.00	0.97	20.42	8,901.55	-28.04	32.20	28.16	0.643	0.600	21.463
8,998.00	1.05	32.72	8,995.54	-26.57	32.95	26.69	0.245	0.085	13.085
9,094.00	0.75	30.26	9,091.52	-25.28	33.74	25.41	0.315	-0.312	-2.562
9,189.00	0.44	73.59	9,186.52	-24.64	34.40	24.77	0.553	-0.326	45.610
9,283.00	0.26	62.25	9,280.52	-24.44	34.94	24.57	0.204	-0.191	-12.064
9,378.00	0.09	213.86	9,375.52	-24.40	35.09	24.53	0.360	-0.179	159.589
9,471.00	0.13	141.71	9,468.52	-24.55	35.11	24.68	0.144	0.043	-77.580
9,565.00	0.84	113.84	9,562.51	-24.91	35.81	25.04	0.774	0.755	-29.649
9,660.00	1.58	112.97	9,657.49	-25.70	37.65	25.84	0.779	0.779	-0.916
9,755.00	0.70	131.69	9,752.47	-26.60	39.29	26.74	0.994	-0.926	19.705
9,850.00	0.57	149.79	9,847.47	-27.39	39.96	27.54	0.250	-0.137	19.053
9,945.00	0.48	145.92	9,942.46	-28.13	40.42	28.28	0.102	-0.095	-4.074
10,039.00	0.40	146.54	10,036.46	-28.73	40.82	28.88	0.085	-0.085	0.660
10,133.00	0.22	177.21	10,130.46	-29.19	41.01	29.34	0.254	-0.191	32.628
10,208.00	0.04	261.15	10,205.46	-29.33	40.99	29.48	0.293	-0.240	111.920
10,288.00	0.41	268.38	10,285.46	-29.35	40.68	29.50	0.463	0.462	9.037
10,356.00	3.93	106.04	10,353.41	-30.00	42.68	30.15	6.357	5.176	-238.735
10,403.00	12.45	110.24	10,399.89	-32.20	48.99	32.38	18.160	18.128	8.936
10,451.00	19.83	111.10	10,445.96	-36.93	61.46	37.15	15.383	15.375	1.792
10,498.00	24.12	113.77	10,489.54	-43.67	77.69	43.96	9.370	9.128	5.681
10,546.00	28.09	115.71	10,532.64	-52.53	96.86	52.88	8.459	8.271	4.042
10,593.00	29.98	116.73	10,573.73	-62.61	117.32	63.04	4.157	4.021	2.170
10,640.00	32.15	118.41	10,613.98	-73.85	138.81	74.35	4.971	4.617	3.574
10,687.00	36.40	123.03	10,652.82	-87.41	161.51	88.00	10.597	9.043	9.830
10,734.00	40.77	124.29	10,689.55	-103.66	185.90	104.34	9.447	9.298	2.681
10,781.00	41.75	124.97	10,724.88	-121.28	211.40	122.05	2.293	2.085	1.447
10,828.00	42.72	124.44	10,759.68	-139.26	237.37	140.13	2.199	2.064	-1.128
10,875.00	44.97	124.87	10,793.58	-157.78	264.15	158.74	4.829	4.787	0.915
10,923.00	47.38	129.42	10,826.82	-178.70	291.72	179.76	8.482	5.021	9.479
10,970.00	50.47	135.70	10,857.72	-202.67	317.76	203.83	12.023	6.574	13.362
11,018.00	53.81	143.09	10,887.20	-231.44	342.35	232.69	13.999	6.958	15.396
11,065.00	54.01	150.86	10,914.91	-263.24	363.02	264.57	13.362	0.426	16.532
11,113.00	54.56	158.09	10,942.95	-298.37	379.78	299.76	12.280	1.146	15.062
11,160.00	57.34	160.21	10,969.27	-334.76	393.63	336.20	6.996	5.915	4.511
11,208.00	61.43	162.71	10,993.71	-373.92	406.74	375.41	9.627	8.521	5.208
11,255.00	64.64	164.64	11,015.02	-414.12	418.51	415.65	7.748	6.830	4.106



Survey Report

Company:	XTO Energy Inc.	Local Co-ordinate Reference:	Well PLU 20BD #122H
Project:	Eddy Co., NM (NAD 27 NME)	TVD Reference:	Well @ 3189.00usft (Nabors F34)
Site:	Poker Lake Unit 20BD #122H	MD Reference:	Well @ 3189.00usft (Nabors F34)
Well:	PLU 20BD #122H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDMRESTORED

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
11,303.00	67.94	168.12	11,034.33	-456.82	428.84	458.39	9.555	6.875	7.250
11,350.00	73.81	171.73	11,049.72	-500.52	436.57	502.11	14.442	12.489	7.681
11,395.00	78.14	175.93	11,060.63	-543.90	441.25	545.52	13.211	9.622	9.333
11,442.00	82.12	178.04	11,068.69	-590.13	443.68	591.75	9.553	8.468	4.489
11,490.00	86.88	179.19	11,073.29	-637.88	444.83	639.51	10.199	9.917	2.396
11,585.00	91.89	180.89	11,074.30	-732.84	444.76	734.47	5.569	5.274	1.789
11,680.00	88.95	178.17	11,073.61	-827.82	445.54	829.45	4.216	-3.095	-2.863
11,775.00	89.99	176.76	11,074.49	-922.72	449.75	924.36	1.844	1.095	-1.484
11,870.00	88.70	176.32	11,075.57	-1,017.54	455.48	1,019.20	1.435	-1.358	-0.463
11,964.00	90.43	179.15	11,076.29	-1,111.45	459.19	1,113.12	3.528	1.840	3.011
12,059.00	89.93	178.24	11,075.99	-1,206.42	461.36	1,208.10	1.093	-0.526	-0.958
12,154.00	89.20	177.20	11,076.71	-1,301.34	465.14	1,303.04	1.337	-0.768	-1.095
12,249.00	90.01	179.00	11,077.36	-1,396.28	468.28	1,397.99	2.078	0.853	1.895
12,344.00	89.54	178.16	11,077.74	-1,491.25	470.64	1,492.97	1.013	-0.495	-0.884
12,438.00	89.87	181.10	11,078.22	-1,585.24	471.25	1,586.95	3.147	0.351	3.128
12,532.00	89.57	180.37	11,078.68	-1,679.23	470.04	1,680.94	0.840	-0.319	-0.777
12,627.00	89.37	180.45	11,079.56	-1,774.22	469.36	1,775.93	0.227	-0.211	0.084
12,721.00	89.12	179.38	11,080.80	-1,868.21	469.50	1,869.92	1.169	-0.266	-1.138
12,814.00	90.88	181.17	11,080.80	-1,961.20	469.05	1,962.91	2.699	1.892	1.925
12,909.00	91.02	181.07	11,079.22	-2,056.17	467.20	2,057.87	0.181	0.147	-0.105
13,004.00	90.27	180.65	11,078.15	-2,151.15	465.77	2,152.85	0.905	-0.789	-0.442
13,099.00	90.15	180.39	11,077.81	-2,246.15	464.91	2,247.84	0.301	-0.126	-0.274
13,193.00	89.40	179.49	11,078.17	-2,340.15	465.01	2,341.84	1.246	-0.798	-0.957
13,287.00	91.16	180.08	11,077.72	-2,434.14	465.36	2,435.83	1.975	1.872	0.628
13,381.00	90.77	180.46	11,076.13	-2,528.13	464.92	2,529.81	0.579	-0.415	0.404
13,475.00	89.76	179.69	11,075.70	-2,622.12	464.79	2,623.81	1.351	-1.074	-0.819
13,569.00	90.32	179.06	11,075.63	-2,716.12	465.82	2,717.81	0.897	0.596	-0.670
13,664.00	90.35	177.90	11,075.08	-2,811.08	468.34	2,812.78	1.221	0.032	-1.221
13,758.00	90.88	179.92	11,074.07	-2,905.05	470.13	2,906.76	2.222	0.564	2.149
13,852.00	90.69	179.29	11,072.78	-2,999.04	470.78	3,000.75	0.700	-0.202	-0.670
13,947.00	91.92	182.20	11,070.62	-3,094.00	469.54	3,095.70	3.325	1.295	3.063
14,042.00	92.59	181.55	11,066.88	-3,188.87	466.44	3,190.56	0.982	0.705	-0.684
14,137.00	90.88	180.69	11,064.00	-3,283.80	464.58	3,285.49	2.015	-1.800	-0.905
14,231.00	90.94	180.04	11,062.51	-3,377.79	463.98	3,379.47	0.694	0.064	-0.691
14,326.00	89.40	179.98	11,062.23	-3,472.79	463.96	3,474.46	1.622	-1.621	-0.063
14,421.00	88.16	179.57	11,064.25	-3,567.76	464.34	3,569.44	1.375	-1.305	-0.432
14,515.00	87.55	179.74	11,067.77	-3,661.69	464.90	3,663.37	0.674	-0.649	0.181
14,610.00	87.32	179.26	11,072.02	-3,756.60	465.73	3,758.28	0.560	-0.242	-0.505
14,720.00	87.91	179.66	11,076.60	-3,866.49	466.77	3,868.18	0.648	0.536	0.364
14,815.00	89.37	178.14	11,078.85	-3,961.44	468.59	3,963.14	2.218	1.537	-1.600
14,909.00	88.92	177.15	11,080.25	-4,055.35	472.45	4,057.06	1.157	-0.479	-1.053
15,003.00	89.23	178.71	11,081.77	-4,149.28	475.85	4,150.99	1.692	0.330	1.660
15,098.00	88.33	178.28	11,083.79	-4,244.22	478.34	4,245.95	1.050	-0.947	-0.453



Survey Report

Company:	XTO Energy Inc.	Local Co-ordinate Reference:	Well PLU 20BD #122H
Project:	Eddy Co., NM (NAD 27 NME)	TVD Reference:	Well @ 3189.00usft (Nabors F34)
Site:	Poker Lake Unit 20BD #122H	MD Reference:	Well @ 3189.00usft (Nabors F34)
Well:	PLU 20BD #122H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDMRESTORED

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
15,192.00	89.90	179.18	11,085.25	-4,338.18	480.42	4,339.92	1.925	1.670	0.957
15,288.00	90.38	179.90	11,085.01	-4,434.18	481.19	4,435.91	0.901	0.500	0.750
15,383.00	90.29	179.36	11,084.46	-4,529.18	481.81	4,530.91	0.576	-0.095	-0.568
15,478.00	90.07	179.58	11,084.16	-4,624.17	482.69	4,625.91	0.328	-0.232	0.232
15,572.00	91.02	180.40	11,083.26	-4,718.16	482.70	4,719.90	1.335	1.011	0.872
15,667.00	89.96	179.97	11,082.45	-4,813.16	482.40	4,814.89	1.204	-1.116	-0.453
15,762.00	89.90	179.36	11,082.57	-4,908.16	482.95	4,909.89	0.645	-0.063	-0.642
15,857.00	90.77	180.79	11,082.01	-5,003.15	482.83	5,004.89	1.762	0.916	1.505
15,952.00	90.49	180.70	11,080.97	-5,098.14	481.59	5,099.87	0.310	-0.295	-0.095
16,046.00	90.38	180.54	11,080.25	-5,192.13	480.58	5,193.86	0.207	-0.117	-0.170
16,141.00	89.76	180.45	11,080.14	-5,287.13	479.76	5,288.85	0.659	-0.653	-0.095
16,236.00	89.26	180.13	11,080.95	-5,382.12	479.27	5,383.84	0.625	-0.526	-0.337
16,330.00	89.62	179.67	11,081.87	-5,476.12	479.44	5,477.84	0.621	0.383	-0.489
16,424.00	89.26	179.12	11,082.79	-5,570.10	480.43	5,571.83	0.699	-0.383	-0.585
16,519.00	88.84	179.50	11,084.36	-5,665.08	481.57	5,666.81	0.596	-0.442	0.400
16,612.00	89.31	179.46	11,085.86	-5,758.07	482.42	5,759.80	0.507	0.505	-0.043
16,706.00	88.36	179.62	11,087.78	-5,852.04	483.17	5,853.78	1.025	-1.011	0.170
16,800.00	89.01	181.25	11,089.93	-5,946.01	482.46	5,947.74	1.866	0.691	1.734
16,895.00	88.39	181.24	11,092.09	-6,040.97	480.40	6,042.69	0.653	-0.653	-0.011
16,990.00	90.35	180.10	11,093.13	-6,135.95	479.29	6,137.66	2.387	2.063	-1.200
17,084.00	89.90	180.30	11,092.93	-6,229.95	478.96	6,231.66	0.524	-0.479	0.213
17,178.00	89.23	180.56	11,093.64	-6,323.94	478.25	6,325.65	0.765	-0.713	0.277
17,273.00	90.10	179.91	11,094.20	-6,418.94	477.86	6,420.65	1.143	0.916	-0.684
17,366.00	91.69	180.61	11,092.74	-6,511.92	477.44	6,513.63	1.868	1.710	0.753
17,461.00	90.21	180.15	11,091.17	-6,606.90	476.81	6,608.61	1.631	-1.558	-0.484
17,555.00	89.57	179.68	11,091.35	-6,700.90	476.95	6,702.61	0.845	-0.681	-0.500
17,650.00	88.56	178.77	11,092.90	-6,795.88	478.23	6,797.59	1.431	-1.063	-0.958
17,744.00	89.93	177.93	11,094.14	-6,889.83	480.94	6,891.54	1.710	1.457	-0.894
17,839.00	89.51	178.28	11,094.60	-6,984.77	484.08	6,986.50	0.575	-0.442	0.368
17,933.00	89.76	179.10	11,095.20	-7,078.75	486.23	7,080.48	0.912	0.266	0.872
18,027.00	92.42	178.45	11,093.41	-7,172.70	488.24	7,174.44	2.913	2.830	-0.691
18,121.00	92.03	178.90	11,089.76	-7,266.60	490.41	7,268.35	0.633	-0.415	0.479
18,215.00	92.56	179.83	11,086.00	-7,360.52	491.45	7,362.27	1.138	0.564	0.989
18,310.00	93.12	180.04	11,081.29	-7,455.40	491.56	7,457.16	0.629	0.589	0.221
18,403.00	92.96	179.56	11,076.36	-7,548.27	491.89	7,550.02	0.543	-0.172	-0.516
18,497.00	93.04	179.89	11,071.44	-7,642.14	492.34	7,643.90	0.361	0.085	0.351
18,591.00	91.53	180.55	11,067.69	-7,736.06	491.97	7,737.81	1.753	-1.606	0.702
18,686.00	91.61	181.11	11,065.09	-7,831.02	490.60	7,832.76	0.595	0.084	0.589
18,781.00	89.51	180.42	11,064.16	-7,926.00	489.33	7,927.74	2.327	-2.211	-0.726
18,875.00	86.85	179.55	11,067.15	-8,019.94	489.35	8,021.68	2.977	-2.830	-0.926
18,969.00	88.64	180.47	11,070.85	-8,113.86	489.34	8,115.60	2.141	1.904	0.979
19,064.00	89.31	179.99	11,072.54	-8,208.85	488.96	8,210.58	0.868	0.705	-0.505
19,159.00	88.61	179.25	11,074.27	-8,303.83	489.59	8,305.57	1.072	-0.737	-0.779
19,254.00	88.47	179.26	11,076.69	-8,398.79	490.82	8,400.53	0.148	-0.147	0.011



Survey Report

Company:	XTO Energy Inc.	Local Co-ordinate Reference:	Well PLU 20BD #122H
Project:	Eddy Co., NM (NAD 27 NME)	TVD Reference:	Well @ 3189.00usft (Nabors F34)
Site:	Poker Lake Unit 20BD #122H	MD Reference:	Well @ 3189.00usft (Nabors F34)
Well:	PLU 20BD #122H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDMRESTORED

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
19,349.00	88.81	178.73	11,078.94	-8,493.75	492.49	8,495.50	0.663	0.358	-0.558
19,444.00	91.16	179.80	11,078.97	-8,588.73	493.71	8,590.48	2.718	2.474	1.126
19,539.00	90.52	180.01	11,077.58	-8,683.72	493.86	8,685.47	0.709	-0.674	0.221
19,634.00	90.71	180.60	11,076.56	-8,778.71	493.36	8,780.46	0.652	0.200	0.621
19,729.00	90.83	180.21	11,075.28	-8,873.70	492.69	8,875.45	0.429	0.126	-0.411
19,824.00	90.24	179.80	11,074.39	-8,968.70	492.68	8,970.44	0.756	-0.621	-0.432
19,919.00	89.51	180.10	11,074.60	-9,063.70	492.76	9,065.44	0.831	-0.768	0.316
20,014.00	91.08	181.70	11,074.11	-9,158.68	491.27	9,160.42	2.360	1.653	1.684
20,108.00	91.61	181.63	11,071.90	-9,252.61	488.54	9,254.34	0.569	0.564	-0.074
20,204.00	91.70	181.60	11,069.13	-9,348.53	485.83	9,350.25	0.099	0.094	-0.031
20,298.00	92.59	181.99	11,065.61	-9,442.42	482.89	9,444.13	1.034	0.947	0.415
20,393.00	89.76	183.00	11,063.67	-9,537.30	478.76	9,538.99	3.163	-2.979	1.063
20,488.00	88.53	180.72	11,065.08	-9,632.23	475.67	9,633.91	2.727	-1.295	-2.400
20,582.00	88.00	180.82	11,067.93	-9,726.18	474.41	9,727.85	0.574	-0.564	0.106
20,676.00	87.72	178.85	11,071.44	-9,820.11	474.68	9,821.78	2.115	-0.298	-2.096
20,771.00	87.02	179.01	11,075.80	-9,914.99	476.45	9,916.67	0.756	-0.737	0.168
20,867.00	88.70	177.40	11,079.38	-10,010.87	479.46	10,012.56	2.423	1.750	-1.677
20,962.00	91.05	175.70	11,079.59	-10,105.69	485.18	10,107.40	3.053	2.474	-1.789
21,056.00	92.03	176.79	11,077.07	-10,199.45	491.33	10,201.18	1.559	1.043	1.160
21,151.00	91.78	181.64	11,073.91	-10,294.36	492.63	10,296.10	5.109	-0.263	5.105
21,246.00	92.20	182.26	11,070.61	-10,389.25	489.40	10,390.97	0.788	0.442	0.653
21,341.00	89.68	182.01	11,069.05	-10,484.16	485.86	10,485.87	2.666	-2.653	-0.263
21,436.00	88.08	180.30	11,070.91	-10,579.12	483.95	10,580.82	2.465	-1.684	-1.800
21,531.00	87.32	179.82	11,074.72	-10,674.04	483.85	10,675.74	0.946	-0.800	-0.505
21,558.00	86.82	179.47	11,076.10	-10,701.00	484.01	10,702.70	2.259	-1.852	-1.296
Last Aim Svy									
21,616.00	86.82	179.47	11,079.32	-10,758.91	484.55	10,760.61	0.000	0.000	0.000
Projection to BHL									

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
3,479.00	3,478.23	-7.99	1.59	Tie on Scout
3,611.00	3,610.12	-12.98	3.90	First Aim Svy
21,558.00	11,076.10	-10,701.00	484.01	Last Aim Svy
21,616.00	11,079.32	-10,758.91	484.55	Projection to BHL

Checked By: _____ Approved By: _____ Date: _____